

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P. O. BOX 351

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: ANADARKO ENERGY SERVICES

Operator Contact Person: SHAWN D. YOUNG

Phone (316) 624-6253 10-14-98

Contractor: Name: NA

License: NA

Wellsite Geologist: NA

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: ANADARKO PETROLEUM CORPORATION

Well Name: KANSAS 1-22

Comp. Date 7-25-55 Old Total Depth 2998

Deepening Re-perf. Conv. to Inj/SWD

Plug Back 2964 PBDT

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

8-14-98 -- 8-23-98

Spud Date 8-14-98 Date Reached TD -- Completion Date 8-23-98

API NO. 15- 129-10524-0001

County MORTON

-- -- NW SE Sec. 22 Twp. 34 Rge. 43 X W

1800 Feet from (S) (circle one) Line of Section

1600 Feet from (E) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, (SE), NW or SW (circle one)

Lease Name KANSAS Well # 1-22

Field Name GREENWOOD

Producing Formation WABAUNSEE, TOPEKA, GREENWOOD LANSING

Elevation: Ground 3459 KB _____

Total Depth 2998 PBDT 2964

Amount of Surface Pipe Set and Cemented at 604 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan OWWO, 10-19-98 etc.
(Data must be collected from the Reserve Pit)
NOT APPLICABLE

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

_____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

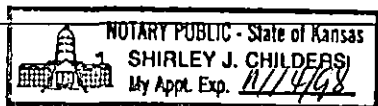
Signature Shawn D. Young
SHAWN D. YOUNG

Title DIVISION PRODUCTION ENGINEER Date 10/12/98

Subscribed and sworn to before me this 13th day of October 1998.

Notary Public Shirley J Childers

Date Commission Expires _____



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

ORIGINAL

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name KANSAS Well # 1-22

Sec. 22 Twp. 34 Rge. 43 East West County MORTON

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

| | | | |
|---|---|---|---------------------------------|
| Drill Stem Tests Taken (Attach Additional Sheets.) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums | <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Name | Top Datum |
| Cores Taken | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | SEE ATTACHED DRILLERS LOG | |
| Electric Log Run (Submit Copy.) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |
| List All E.Logs Run: | | | |

| ** Original Completion CASING RECORD | | | | | | | |
|---|-----------------------|------------------------------|--------------------|------------------|-------------------|-----------------|-------------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of String | Size Hole 'Drilled | Size Casing Set (In O.D.) | Weight Lbs./Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| ** SURFACE | 12-1/4" | 10-3/4" | | 603 | POZMIX | 300 | |
| ** PRODUCTION | | 7" | | 2998 | POZMIX | 300 | |
| | | | | | | | |

| ADDITIONAL CEMENTING/SQUEEZE RECORD | | | | |
|---|---------------------|----------------|-------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate | | | | |
| <input type="checkbox"/> Protect Casing | | | | |
| <input type="checkbox"/> Plug Back TD | | | | |
| <input type="checkbox"/> Plug Off Zone | | | | |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth |
|--|---|---|---|
| 4 | 2492-2501, 2508-2539 | ACID W/ 4200 GAL 15% FeHCl | 2492-2539 |
| | CIBP @ 2964 | | |
| | | | |
| | | | |
| TUBING RECORD | Size 2-3/8" | Set At 2948 | Packer At Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Date of First, Resumed Production, SWD or Inj. RESUMED: 8-20-98 | Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) | | |
| Estimated Production Per 24 Hours | Oil 0 Bbls. | Gas 116 Mcf | Water 3 Bbls. Gas-Oil Ratio -- Gravity |

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled 2492-2946 OA

Production Interval: 2492-2946 OA

Other (Specify) _____

ORIGINAL

15-129-70524-0001

DRILLER'S LOG

WELL NAME Kansas # 1-22
 WELL LOCATION 1600' fr E and 1600'
fr S line of
Sec. 22-34-43
 COUNTY Morton STATE Kansas
 72/20 OF AFTER ACID 9,671 MCF
 ROCK PRESSURE 421 LBS
 SOURCE OF DATA Driller's Report

COMPANY Penhandle Eastern Pipeline Co.
 CONTRACTOR Falcon-Seaboard Drlg. Co.
 ELEVATION 3456.59'
 DRILLING COMMENCED 6-17-55
 DRILLING COMPLETED 6-28-55
 WELL COMPLETED 7-25-55
 WELL CONNECTED 8-16-55

NOTARY LOG

| <u>DESCRIPTION OF FORMATION</u> | <u>TOP</u> | <u>BOTTOM</u> |
|---|------------|---------------|
| Sand and Red Bed | 0 | 236 |
| Surface Soil | 236 | 635 |
| Set 10-3/4" OD Casing at 603 feet with 300 sacks of Pozmix cement. Cement was circulated. | | |
| Red Bed | 635 | 735 |
| Red Bed and Sand | 735 | 929 |
| Red Bed | 929 | 1370 |
| Shale and Lime | 1370 | 1580 |
| Lime and Shale | 1580 | 2000 |
| Set 7" OD Casing at 2998' with 300 sacks of Pozmix cement. | | |

FORMATION TOPS

Wabaunsee 2493'
 Topeka 2695'
 Lansing 2927'

PERFORATIONS

Perforated: 2933-46, 2870-86, 2832-39, 2815-22,
 2798-2808, 2764-72, 2744-50, 2731-39,
2718-24.

WELL TREATMENT RECORD

Acidized on 8-9-55 with 2625 gallons of 15% acid.
 Acidized on 7-10-55 with 3000 gallons of 15% acid.
 Acidized on 7-12-55 with 3000 gallons of 35% acid.
 Acidized on 7-13-55 with 3000 gallons of 15% acid.
 Fractured on 7-14-55 with 3000 gallons of Dolo Frac
 and 4000 gallons of 15% acid.

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